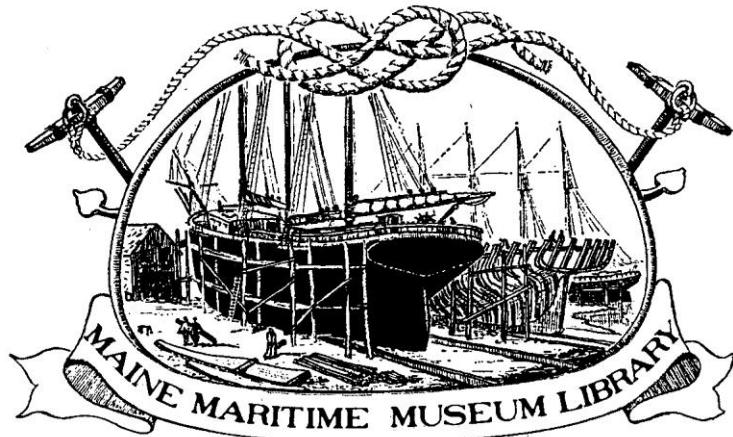


**Maine Maritime Museum Library**  
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**Inventory for  
Manuscript Collection  
MS - 32**

**Henry A. Magoun Collection**

**c. 1890-c. 1919**

by  
Elisabeth Meier  
May 2018

3 1/2 boxes  
1.2 linear feet  
*Accession no. 74.71.51.1-10*

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## Abstract

**Magoun, Henry A. (1863-1931)**

**Collection, c. 1890-c. 1919**

3 1/2 boxes

Naval Architect and marine engineer born in Bath, Maine

This collection contains ship plans for US Navy vessels, sea trial reports, and magazine clippings related to steel shipbuilding, marine systems, naval engineering, and the American shipping industry at the turn of the twentieth century. It was collected by Henry Albert Magoun (1863-1931), a Bath native who spent most of his career as an engineer and manager at major East Coast shipyards like Sparrows Point and the New York Shipbuilding Company. The collection reflects Magoun's career and professional interests but contains no personal material.

Gift of John Belanger.

MS-32. Accession #74.71.54.1-10.

Finding aid (folder level control) in repository.

**Added entries—persons:**

Magoun, Henry Albert (1863-1931)

**Added entries—corporate bodies (including vessels):**

Maryland Steel Corporation

New York Shipbuilding Corporation

**Added entries—key terms:**

Battleships

Destroyers

Dry docks

Marine engineers

Naval architecture – designs and plans

Shipbuilding

Shipbuilding – materials

Shipping – Great Lakes

Shipping lines

Ships – iron and steel

Shipyards

Steam-boilers

Steam engineering

Steam-engines

Steam-turbines

Steamboat lines

Yachts

## Acquisition

This collection was donated to the museum by John Belanger in 1974.

## Restrictions

There are no restrictions on this collection.

## **Physical Condition**

The documents are mostly in good condition. Some are on poor quality paper that is now fragile and degrading. Some types of paper have suffered burns from acidic folders, though others are less affected.

## **Processing Notes**

This collection was processed minimally in 1974 and more thoroughly in 2018. No major organizational changes were made on the second processing.

The clippings arrived arranged “alphabetically and by subject (98 folders).” This arrangement may have been altered during the initial processing, as they are no longer in precisely 98 folders. Out of respect for any original order that may remain, no attempt has been made to rearrange this material a second time. As a result, the subjects are not strictly in alphabetical order. Additionally, there are two subgroups of clippings not included in the topical arrangement: one, of material specifications, was likely distinct in the collection’s original arrangement; the other, of material on individual vessels, may have been drawn from the files of clippings. A list of vessels mentioned in the latter series is in Appendix B.

## **Related Materials**

The collection arrived with 54 books and pamphlets that had belonged to Henry A. Magoun. These include treatises on naval architecture and industrial processes, addresses on the future of shipping, and an extensive collection of trade catalogs from steel companies. There are also three volumes of construction information for ships built by the New York Shipbuilding Company: a book of specifications for the *Suwannee* (screw steamer) and *Somerset* (screw steamer), built for the Merchants and Miners Company; specifications for the *Oklahoma* (screw steamer, tanker), built for the Gulf Refining Company; and a book of plans for the *USS Wainwright* (DD-62).

A complete list of these books is in Appendix A. The location of each volume is included in the appendix.

More information on the New York Shipbuilding Company can be found in the New York Shipbuilding Company Records at Independence Seaport Museum.

## **Historical Note**

Henry Albert Magoun was born in Bath, Maine, in 1863. He was the son of John W. Magoun and grandson of David C. Magoun, of the shipbuilding firm Magoun & Clapp and a former mayor of Bath.

Henry A. Magoun graduated from Morse High School in 1881 and spent one year at the Massachusetts Institute of Technology before returning to Bath to work at the Goss Marine Iron Works. He spent much of his early career designing and building ship machinery, like steam engines and steering gear, for the Starin Shipbuilding Company on Staten Island, the Columbian Iron Works in Baltimore, Harlan & Hollingsworth in Wilmington, Delaware, the Maryland Steel Company at Sparrow’s Point, Baltimore, and the Hyde Windlass Company in Bath.

In 1907, Magoun joined the New York Shipbuilding Company as an assistant to the President. He was promoted to Senior Vice-President in 1908. In this role, he oversaw all

shipbuilding operations, from battleships to tugboats to barges, and several expansions of the yard. Magoun was also active in professional organizations, including the Society of Naval Architects, the Society of Mechanical Engineers, and the Atlantic Coast Shipbuilders' Association.

Henry A. Magoun retired in 1926 and moved back to Bath. He died in 1931.

### Scope and Content Note

This collection contains reports, blueprints, ship plans, and magazine clippings that Henry A. Magoun accumulated over the course of his career. They preserve his wide-ranging interest in marine engineering, propulsion systems, and the business of shipping and shipbuilding around the turn of the twentieth century. The documents also contain some information on ships that Magoun helped build. There is no correspondence or personal material in the collection.

The majority of the reports and plans pertain to vessels, mostly naval, built by the New York Shipbuilding Company during Magoun's tenure at the yard. Reports include summaries of sea trials, engine performance, and material specifications for battleships, torpedo boats, torpedo boat destroyers, tugs, and freighters. The plans include overviews of American and Argentinian battleships contracted to the yard and more specific drawings of propulsion systems.

The collection of clippings is much more extensive. Most were cut from the *Marine Review* and similar industry periodicals between 1890 and 1910. They cover a wide range of topics related to marine engineering, particularly steam boilers, turbines, and other propulsion systems. They also include articles on major shipyards, shipping firms, and infrastructure improvements, as well as articles on international naval ships, ocean liners, and steam yachts that Magoun found particularly interesting. There are a few clippings about wooden sailing vessels launched from Maine yards. For a list of topics, as Magoun defined them, see the box and folder list.

Note: Magoun was not overly consistent in determining his subject headings, so information is often filed in more than one place. For instance, information on turbines can be found under "Steam Turbines" and "Turbines, Steam." Likewise, information on vessels may be filed under the vessel's name ("Warden") and in general categories ("Torpedo Boats"). There is material on individual vessels mixed with the general subject folders as well as in the folders dedicated solely to ships.

### Outline

Series I: Shipbuilding Papers, related to H.A. Magoun

Series II: Clippings collected by H.A. Magoun

Series III: Plans and blueprints

## Box and Folder List

### Series I: Shipbuilding, H.A. Magoun

#### Box    Folder

1	1	Letter, repairs on <i>USTB Bagley</i> (torpedo boat), 1903
2		New York Shipbuilding Company, final reports and synopsis, battleship <i>USS Utah</i> , 1911
3		Torpedo boats <i>USS McCall</i> and <i>USS Burrows</i> , 1911
4		Torpedo boat destroyers, <i>USS Preston</i> (1909), <i>USS Jarvis</i> (1912), and <i>USS Ericsson</i> (1915)
5		Tugs and Freighters, <i>USS Sonoma</i> , <i>USS Jacob Jones</i> , <i>USS Wainwright</i> , <i>SS Lyra</i> , <i>SS Pleiades</i> , <i>SS Hyades</i> , <i>SS Shawmut</i> , and <i>SS Tremont</i>
6		Engineering notebook, undated
7		Notes on engineering, undated

### Series II: Clippings and Ephemera

#### Box    Folder

1	8	Materials specifications, metals, by object name, A – F
	9	“ “ G – P
	10	“ “ Q – Z
	11	Materials, descriptions
	12	Vessels, A – E (complete list in Appendix B)
	13	“ F - H
	14	“ I – K
	15	“ L – N
1a	16	“ <i>Oceanic</i> (screw steamer)
	17	“ O – R
	18	“ S
	19	“ T – Z
	20	Subjects—Atlantic passenger trade
		Atlantic coastwise steamers
		Admiralty coefficient
		Air compressors
		Air pumps
	21	American Shipbuilding Co.
		American Lines
		<i>Amethyst</i> (cruiser) sea trials
		<i>Aphrodite</i> (screw steamer, yacht) engines
		<i>Asahi</i> (battleship) engines
22		B—miscellaneous
		Barge propellers
		Breakwater—Buffalo, NY
		Boilers
		Belts/Belting
		Battleship construction bids
		<i>Bunker Hill</i> (screw steamer)

		<i>Buzz</i> (screw steamer, yacht) <i>HMS Blake</i> (protected cruiser)
Box	Folder	
1a	23	Bolts Boston Steam Ship Company Ballast Ball bearings Barges Balancing Marine Systems Back Pressure Valve Babcock & Penton Bath Iron Works
2	1	Cranes Cruisers
	2	Cellulose Copper Compressed Air Cost Corrugated Furnaces Compass Adjustment Concrete <i>Cobra</i> (torpedo boat) Disaster
	3	Commercial Yards Chimneys Cast Iron Catenaries <i>USS California</i> (cruiser : ACR-6) Trials Cargo Boat Machinery Centrifugal Pumps
	4	Coal Coasting Steamers
	5	Condensers Cramp Shipyard Cylinders Clayton Gas Canals Clipper Ships
6		Cunard Line
7		D – Miscellaneous
8		Drainage Tank Dry Docks
9		Diamond Shoals Light Ship
10		<i>Deutschland</i> (screw steamer)
11		<i>Deutschland</i> (screw steamer)
12		Dredges Dredges (includes blueprints)

Box	13	Drilling
		Eastern Shipbuilding Co.
2	13	Economical Speed
		Eight-Hour Law
		Electric power
		<i>El Dia</i> (steamer)
	14	Exports
		Expansion Joints
		<i>Evangeline</i> (screw steamer)
		<i>Estelle Randall</i> (screw steamer)
	15	Feed Heaters
		Fairfield Works
		Fan, Sirocco
		Fireboats
		Fire Engines
		Fishing Steamers
	16	Flooring
		Flanges
		Flat Plates
		Forced Draft Heating System
		Fore River Shipbuilding Company
		Four-Day Steamship
		Freight Cars
		Friction of Water in Pipes
	17	Ferries
	18	Fly Wheels
	19	Gasoline Engines
	20	Gears
		Great Lakes
		Great Northern Steamship Company
		Gunboats, Shallow Draft
	21	Hydraulics
		Heat
	22	H – Miscellaneous
		Harlan & Hollingsworth
		Icebreakers
	23	Iron Ore
	24	Lightships
		Lighthouse Tenders
		Lewis Nixon
		Lathe Tools
		Large Ships
		Lake Shipbuilding (Great Lakes)
		Lake Commerce (Great Lakes)
		Lang Valve Gear

	25	Lake Steamers (Great Lakes)
	26	Lake Steamer Construction (Great Lakes)
Box	Folder	
2	27	Launchings
	28	Locomotives
3	1	Morse, Charles W.
		Mississippi Tugs
		Merchant Marine
		Metric System
		Maryland Steel Co.
		Manning Fire Pump
		Marine Engines
		Machinery
		Marine Turbines
		Mallory Steamship Co.
2		Motor Boats
		Modern Warship Propulsion
		Morse, Henry G.
		Morse Taper
		<i>Morro Castle</i> (screw steamer, passenger)
		Mail Boats
		Measurement, Yacht
3		Navy – Naval Contracts
4		Neafie & Levy
		New York Shipbuilding Co.
		Napier & Sons
		Newport News Shipbuilding Co.
		Naval Strength
		<i>SS Nubian</i> (screw steamer) engines
		<i>Northwest</i> (screw steamer) and <i>Northland</i> (screw steamer)
		North Atlantic Trade
5		Ocean Liners
6		Oil Fuel
		Oil Propulsion
7		Oil Fuel
8		Propellers
		Pipes
9		Painting
		Patterns
		Packing
		Profits/Premium Systems
		Pressure Reducing Valve
		Pistons
		Power Drive Tools
		<i>Pleiades</i> (screw steamer) and <i>Hyades</i> (screw steamer)
		Pig Iron Production

		Pilot boats
Box	9	<i>Pejepscot</i> (tug)
	Folder	
3	10	Panama Canal
	11	R – Miscellaneous
		Rotary Pumping
		Rope
		<i>Rowanmore</i> (steamer)
		Royal Yacht Sea Trials ( <i>Victoria &amp; Albert</i> )
		Rotary Engine
		Riveting
		Reheaters
		Revenue Cutters
		Reamer
		Range Finder
		Rapid Cutting Steel
	12	Stationary Engine
	13	Steam Turbines
		Steering Gear
	14	Sprocket Wheels
		Speed of Vessels
		Steam Jacket
		Steel Specifications
		Stability
		Steaming Radius
		Steam Engine Trials
		S – Miscellaneous
	15	Savannah Line
		Shafting
		Shipbuilding
		Smoke Consumers
		Snap Rings
		Smokestacks
		Sidewheel Steamers
	16	Steel Corporation Vessels
		Steam Trap
		Superheated Steam
		Subsidies
		Submarine Telegraphy
		Survey Steamers (Canadian)
		Subsurface Boat
		Suez Canal
		Sugar
	17	Side Lights
		Screws
		Shallow Draft Screw Steamers

		Schooners
		Schlick Investigations (vibration of vessels)
Box	Folder	
3	18	Torpedo Boats
		Toledo Shipbuilding Co.
19		Turbines (steam and gas)
20		Turbine Steamers (Steam Turbines)
		Tunnel Shields
		Tunnel Stern Launches
21		Transatlantic service
		Transpacific service
		Transports
		Triple Screw Ships
		Trigg Shipyard (William R. Trigg & Co.)
		Towing
		Tugs
		Temperature, effects on metal
22		United States Shipbuilding Corporation
23		United States Steel Corporation
		Unloading
		US Mercantile Marine Corporation
24		Uebigau Experimental Laboratory
25		Valves
		Weems Steamboat Line
		Wetted Surfaces
		Wire
		<i>Warden</i> (torpedo boat)
		Wrecking
		Wages
26		Water Tube Boilers
27		Water Tube Boilers
28		Yachts
29		Yachts
		<i>Yale</i> (steam turbine)
		Yarrow Torpedo Boats
		Zinc

### Series III: Plans and Blueprints

Box	Folder	
4	1	Hyde Windlass Company, "List of Weights," No. 12 Battleship Windlass, <i>USS Illinois</i> , 1898
2		New York Shipbuilding Co., "General Plans," <i>USS Arkansas</i> (battleship : BB-33), c. 1911. 2 copies
3		Fore River Shipbuilding Co., "General Arrangement of Argentine Battleships" <i>ARA Rivadavia</i> and <i>ARA Moreno</i> , 1912

4      New York Shipbuilding Co., "Diagram Showing the Systems of Pipes in  
            Machines and Boilers," *ARA Moreno* (battleship, Argentina), 1915  
            Specifications, *USS Idaho* (battleship : BB-42), c. 1915

Box      Folder

4      5      New York Shipbuilding Co., "The Lovekin Water Tube Boiler," *USS Oklahoma*  
            (battleship : BB-37), 1918

6      New York Shipbuilding Co., Sketches, US Torpedo Boat Destroyers, *USS*  
            *Hatfield* (destroyer : DD-231) to *USS Lawrence* (destroyer : DD-250), c.  
            1919

## Appendix A

### Books from Henry A. Magoun's Collection

#### Corporate Publications

Atlantic Coast Shipbuilders' Association. Constitution and Bylaws. 1921-1922.  
Location: Small Manuscripts Box 184

Fore River Shipbuilding Corporation. *The Fore River Log*. Vol. 3 no. 1 (May 1917).  
Location: Periodicals

Gary, Elbert H. "Principles and Policies of the United States Steel Corporation." N.p., 1921.  
Location: Small Manuscripts Box 184

New York Shipbuilding Corporation. "Annual Report of the New York Shipbuilding Corporation." New York: 1919.  
Location: Small Manuscripts Box 184

New York Shipbuilding Corporation. *Specifications for 50,000 Barrel Bulk Oil Steamer for the Gulf Refining Co.* Contract no. 53. Philadelphia: Thomson Printing Co., 1907.  
Location: Book Stacks, VM296 .N49 1907 c.1

New York Shipbuilding Corporation. *Specifications for the Construction of a Steel Single Screw Passenger and Freight Steamship for the Merchants and Miners Transportation Company of Baltimore, Maryland.* Contracts 108 and 109. Baltimore: Meyer & Thalheimer, 1910.  
Location: Book Stacks, VM296 .N49 1910 c.1

New York Shipbuilding Company. *USS Wainwright* Machinery Plans Diagrammatical Booklet. Camden, NJ: the Company, 1916.  
Location: Book Stacks, VM737 .N49 1916 c.1

#### Industry Publications

Associated Railway Employees Organization. "These two recent decisions of the U.S. Railroad Labor Board are of tremendous importance To Every Citizen of America." Chicago: Printing Products Corporation, 1919.  
Location: Small Manuscripts Box 184

Browne, David H. *Nickel-Steel: A Synopsis of Experiment and Opinion*. Cleveland, OH: Canadian Copper Co., 1899.  
Location: Small Manuscripts Box 184

Chapman Valve Manufacturing Company. *An Engineering Appendix*. N.p., n.d.  
Location: Small Manuscripts Box 184

Evans, Holden A. "Future of the American Shipping Industry." Baltimore: 1919.  
Location: Small Manuscripts Box 184

Flagg, S. B. *Firing Bituminous Coals in Large House-Heating Boilers*. Washington: GPO, 1917  
Location: Small Manuscripts Box 184

Gow, Charles R. *Elemental Principles of Industrial Economics*. Boston: Associated Industries of Massachusetts, 1923.  
Location: Small Manuscripts Box 184

Hurley, Edward N. "Address of Edward N. Hurley, Chairman of the United States Shipping Board, Before the National Foreign Trade Council, Congress Hotel, Chicago, on the Evening of Friday, April 25." N.p., 1919.  
Location: Small Manuscripts Box 184

Hurley, Edward N. "Plan for the Operation of the New American Merchant Marine." Washington: n.p., 1919.  
Location: Small Manuscripts Box 184

National Industrial Conference Board. *The Eight-Hour Day Defined*. Boston: National Industrial Conference Board, 1918.  
Location: Small Manuscripts Box 184

Navy Department. *Ships' Data: U.S. Naval Vessels*. Washington: GPO, 1922.  
Location: Book Stacks, VA61 .A3 1922 c.1

Pierson, Lewis E. "Waste—The Drag upon our National Progress." N.p., 1922. 2 copies.  
Location: Small Manuscripts Box 184

Stuart, M.C. "Test of Schutte and Koerting Evaporator." *Journal of the American Society of Naval Engineers*, 1917. Reprinted Washington: Beresford, 1917.  
Location: Small Manuscripts Box 184

*The Engineering Magazine*. Vol 26 no. 6 (March 1904), vol. 27 no. 4 (July 1904), vol. 28 no. 4 (January 1905), January 1912  
Location: Periodicals

Tough, F. B. *Methods of Shutting off Water in Oil and Gas Wells*. Washington: GPO, 1918.  
Location: Book Stacks, TN23b .U4 no. 163 c.1

United States Shipping Board Emergency Fleet Corporation. *Hearing before the Committee on Commerce*. Part 8: Testimony of Matthew C. Brush. Washington: GPO, 1919.  
Location: Book Stacks, HE745 .A7 1919 c.1

## Trade Catalogs

American Tube Works. *Seamless Drawn Brass and Copper Tubes*. New York: E. P. Coby & Co., 1894.

Location: Book Stacks, TJ288 .A4B6 1894 c.1

Best Manufacturing Company. *Standard tables of valves, fittings, and flanges*. Pittsburgh, PA: the Company, 1901.

Location: Book Stacks, TJ432 .B4 1901 c.1

Bethlehem Steel Company. *Dimensions, weights and properties of special and standard structural steel shapes manufactured by Bethlehem Steel Company, South Bethlehem, Pa.: for engineers, architects and draftsmen / prepared by George H. Blakeley*. Philadelphia: Dando Publishing Co., 1907.

Location: Book Stacks, TA865 .B4 1907 c.1

Cambria Steel. *Cambria steel; a handbook of information relating to structural steel*.

Philadelphia: McCalla & Co., 1898.

Location: Book Stacks, TA685 .C17 1898 c.1

Cambria Steel. *Cambria steel; a handbook of information relating to structural steel*.

Philadelphia: McCalla & Co., 1903.

Location: Book Stacks, TA685 .C17 1903 c.1

Cambria Steel. *Cambria steel; a handbook of information relating to structural steel..*

Philadelphia: McCalla & Co., 1907.

Location: Book Stacks, TA685 .C17 1907 c.1

Cambria Steel. *Cambria steel; a handbook of information relating to structural steel..* N.p., 1917.

Location: Book Stacks, TA685 .C17 1917 c.1

Carnegie, Phipps & Company. *Pocket companion: information and tables for engineers and designers and other data pertaining to structural steel; United States steel*. Pittsburgh: Stevenson & Foster, 1890.

Location: Book Stacks, TA685 .C3 1890 c.1

Carnegie Steel Company. *Pocket companion: information and tables for engineers and designers and other data pertaining to structural steel; United States steel*. Pittsburgh: Stevenson & Foster, 1900.

Location: Book Stacks, TA685 .C3 1900 c.1

Carnegie Steel Company. *Pocket Companion Containing Useful Information and Tables, Appertaining to the Use of Steel, as Manufactured by Carnegie Steel Company*. Pittsburgh: Stevenson & Foster, 1903. (2 copies.)

Location: Book Stacks, TA685 .C3 1903 c.2 & TA685 .C3 1903 c.3

Carnegie Steel Company. *Shape book containing profiles, tables, and data appertaining to shapes, plates, bars, rails, and track accessories manufactured by Carnegie Steel Company, Pittsburg, Pa.* 4<sup>th</sup> ed. N.p., 1911.

Location: Book Stacks, TA685 .C4 1911 c.1, with inclusions

Carnegie Steel Company. *Supplement No. 11 to Shape Book, 1903.* N.p, 1909.

Carnegie Steel Company. *Carnegie steel company, manufacturers of Bessemer and open hearth steel of all grades.* N.p., 1903.

Location: Book Stacks, TA685 .C4 1903 c.1, with inclusions

Carnegie Steel Company. *Supplement No. 11 to Shape Book, 1903.* N.p, 1909.

Carnegie Steel Company. *Standard Classification of Extras on Steel Plates.* N.p., 1906.

Carnegie Steel Company. *Standard Classification of Extras on Steel Bars and Shapes.* N.p., 1906.

*Table Showing Maximum Sizes of Special Treatment Steel Plates.* Blueprint.

Carnegie Steel Company. *Structural Beams.* N.p.: Carnegie Steel Company, 1911.

Location: MS-127

Carnegie Steel Company. *Table of Weights of Rectangular and Circular Steel Plates, together with Table Giving Extreme Sizes.* Pittsburg: n.p., 1894.

Location: Book Stacks, TA685 .C35 1894 c.1

Central Iron & Steel Company. *Handbook of Central Iron and Steel Company.* N.p., 1907.

Location: Book Stacks, TA865 .C46 1907 c.1

Hyde Windlass Co. *Ship Machinery.* N.p. 1902.

Location: Book Stacks, VM861 .H9 c.2

Jones & Laughlin Steel Company. *Jones & Laughlin Steel Company, American iron and steel works, manufacturers of Bessemer and open hearth steel products.* N.p., 1913.

Location: Book Stacks, TA685 .J78 1913 c.1

Jones & Laughlin Steel Company. *Standard steel construction : a manual for architects, engineers and contractors containing useful tables, formulas and other information : beams, channels and structural shapes, made by American iron and steel works / revised by F.L. Garlinghouse and Alexander Nurick..* 5<sup>th</sup> ed. New York: Chasmar Winchell, 1903.

Location: Book Stacks, TA865 .J78 1903 c.1

Lukens Iron & Steel Co. [Handbook and catalog.] 2<sup>nd</sup> ed. Philadelphia: William F. Fell & Co., 1898.

Location: Book Stacks, TS309 .L98B6 1898 c.1

Lukens Iron & Steel Co. [Handbook and Catalog.] 4<sup>th</sup> ed. Philadelphia: Josephus Glover, 1912.

Location: Book Stacks, TS309 .L98B6 1912 c.1

National Tube Company. *Book of standards and useful information, containing tables of sizes and other useful information pertaining to tubular goods.* New York: Bureau of Civil Engineering, 1902.

Location: Book Stacks, TJ288 .N3B6 1902 c.1

Pencoyd Iron Works. *Steel in construction Convenient rules, formulæ and tables for the strength of steel shapes used as beams, struts, shafts, etc..* 11<sup>th</sup> ed. Philadelphia: A. & P. Roberts Company, 1898.

Location: Book Stacks, TA865 .P4 1898 c.1

Pennsylvania Steel Company and Maryland Steel Company. *Mayari steel, description, manufacture, properties, heat treatment, applications.* 2<sup>nd</sup> ed. N.p.: the Companies, 1912.

Location: Book Stacks, TN730 .P4 1912 c.1

Pennsylvania Steel Company. *Structural Material rolled by the Pennsylvania Steel Company.* Steelton, PA: the Company, 1905. (3 copies.)

Location: Book Stacks, TN730 .P3S7 1905 c.1, c.2, c.3

Pennsylvania Steel Company. *Shapes and Sizes of Structural Material and Bars.* N.p.: the Company, 1911.

Location: Book Stacks, TA865 .P46 1911 c.1

Reading Iron Company. "Wrought Iron Pipe vs. Steel Pipe." 8<sup>th</sup> ed. N.p., 1909.

Location: MS-127

Star Brass Manufacturing Company and George H. Barrus. *The Star Improved Steam Engine Indicator.* Boston: Star Brass Mfg. Co., 1903.

Location: Book Stacks, TJ478 .B27 1903 c.1

### Miscellaneous

American Peace Award Committee. "The Winning Plan." N.p. 1924.

Location: Small Manuscripts Box 184

*Bulletin of the Massachusetts Institute of Technology.* "Register of Former Students." Vol. 50 no. 3 (May, 1915).

Location: Book Stacks, T171.M4 A73 1915 c.1

United States Department of Agriculture. "Floors and Floor Coverings." *Farmers' Bulletin* 1219 (1921).

Location: Small Manuscripts Box 184

United States Department of Agriculture. "How to Select Foods." *Farmers' Bulletin* 808 (1922).

Location: Small Manuscripts Box 184

United States Department of Labor. *Retail Prices 1907 to December 1916*. Washington: GPO, 1917.

Location: Book Stacks, HD8051 .A5 no. 228 c.1

United States Department of Labor. *Wholesale Prices 1890 to 1916*. Washington: GPO, 1917.

Location: Book Stacks, KF12 .U5 1917 c.1

**Appendix B**  
**Vessels Represented in the Vessel Clipping Files**  
**Box 1 Folders 11-18**

*Adriatic* (screw steamer, passenger)  
*Alabama* (screw steamer, passenger)  
*Albany* (cruiser)  
*Alcedo* (screw steamer, yacht)  
*Arundel* (screw steamer)  
*Atlas* (ship)  
*August Belmont* (collier)  
*Baltic* (screw steamer, passenger)  
*Belvernon* (screw steamer)  
*Cedric* (screw steamer)  
*Celtic* (screw steamer, passenger)  
*Chester M. Chapin* (screw steamer, passenger)  
*Chesapeake* (ship, training)  
*City of Lowell* (screw steamer, passenger)  
*City of Memphis* (steamer)  
*City of Rockland* (sidewheel steamer)  
*Columbia* (screw steamer, passenger)  
*Comus* (screw steamer, passenger)  
*Creole* (steam turbine)  
*Edward Sewall* (ship)  
*Eleanor* (screw steamer, yacht)  
*Eleanor A. Percy* (six-mast schooner)  
*Ellide* (screw steamer, yacht)  
*Francis H. Leggett* (screw steamer)  
*Fürst Bismarck* (screw steamer)  
*Geiser* (cruiser)  
*George W. Wells* (six-mast schooner)  
*Gloucester* (screw steamer)  
*Governor Cobb* (steam turbine)  
*Grangesberg* (screw steamer)  
*Hai Lung* (torpedo boat)  
*Hammonton* (ferry)  
*Havana* (screw steamer)  
*Haverford* (screw steamer)  
*Havock* (torpedo boat)  
*Hendrick Hudson* (sidewheel steamer)  
*Hendrick S. Holden* (steamer)  
*Hiawatha* (auxiliary schooner, yacht)  
*Hornet* (torpedo boat) (with *Havock*)  
*HMS Hyacinth* (cruiser)  
*USS Illinois* (battleship : BB-7)

*Inchdune* (steamer)  
*Inchmarlo* (steamer)  
*J.H. Sneadle* (screw steamer)  
*J.J. Lynn* (screw steamer)  
*Jamestown* (sidewheel steamer)  
*John Engles* (screw steamer)  
*John W. Gates* (screw steamer)  
*Josephine* (auxiliary schooner, yacht)  
*Kaiser Wilhelm II* (screw steamer, passenger)  
*Kanawha* (auxiliary barkentine, yacht)  
*Kasagi* (cruiser)  
*USS Kearsarge* (battleship : BB-5)  
*King Edward* (steam turbine, passenger)  
*Korea* (screw steamer)  
*Kroonland* (screw steamer)  
*L.C. Waldo* (screw steamer)  
*La Grande Duchesse* (screw steamer, passenger)  
*La Savoie* (screw steamer, passenger)  
*Lubeck* (steam turbine)  
*Lucania* (screw steamer, turbine)  
*Luckenbach* (screw steamer)  
*Lyra* (steamer)  
*Mae* (screw steamer)  
*Maine* (screw steamer)  
*USS Maine* (battleship : BB-10)  
*USRC Manning* (patrol boat)  
*Margarita* (screw steamer, yacht)  
*USS Maryland* (armored cruiser : ACR-8)  
*Mauretania* (steam turbine, passenger)  
*Meteor III* (schooner, yacht)  
*HMS Minerva* (cruiser) (with *Hyacinth*)  
*Minnesota* (screw steamer)  
*Mississippi* (steamer)  
*USS Nevada* (monitor : BM-8)  
*New York* (sidewheel steamer)  
*New York* (screw steamer, pilot boat)  
*Nourmanal* (auxiliary bark, yacht)  
*Oceanic* (screw steamer, passenger)  
*Ophir* (screw steamer)  
*USS Oregon* (battleship : BB-3)

*Orion* (tug)  
*Paris* (screw steamer, passenger)  
*Pathfinder* (screw steamer)  
*Penn* (screw steamer)  
*Prinz Adalbert* (screw steamer, passenger)  
*R. W. Wilmot* (tug)  
*Raleigh* (screw steamer)  
*Rappahannock* (ship)  
*Republic* (screw steamer, passenger)  
*San Jose* (screw steamer)  
*RMS Saxon* (screw steamer, passenger)  
*RMS Scot* (screw steamer)  
*Shawmut* (screw steamer)  
*Shinnecock* (sidewheel steamer)  
*Siberia* (screw steamer) (with *Korea*)  
*Sicilia* (screw steamer)  
*Smolensk* (cruiser)  
*Sonoma* (screw steamer)  
*State of California* (screw steamer)

*Tashmoo* (sidewheel steamer)  
*USS Tennessee* (armored cruiser : ACR-10)  
*Tennessee* (screw steamer, passenger)  
*Tuscan* (screw steamer)  
*Vaderland* (screw steamer)  
*Variag* (cruiser)  
*Varuna* (screw steamer, yacht)  
*USS Vermont* (battleship : BB-20)  
*Victorian* (steam turbine, passenger)  
*Vigilant* (tug)  
*Viper* (torpedo boat)  
*Willy Rickmers* (ship)  
*USS Wisconsin* (battleship : BB-9)  
*Yoshino* (cruiser)  
*Young America* (ship, training)  
*Zenith City* (screw steamer)